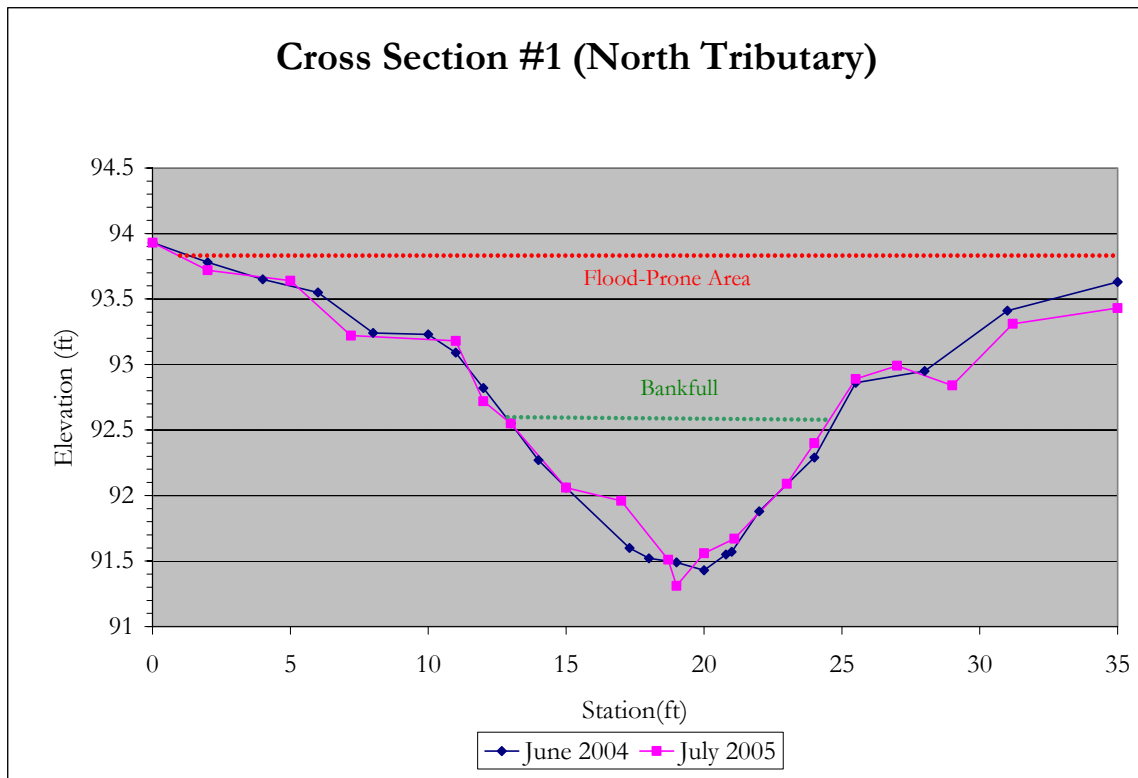


APPENDIX B

CROSS SECTIONS AND LONGITUDINAL PROFILES



Cross-Section #1 Abbreviated Morphological Summary (Riffle Section)

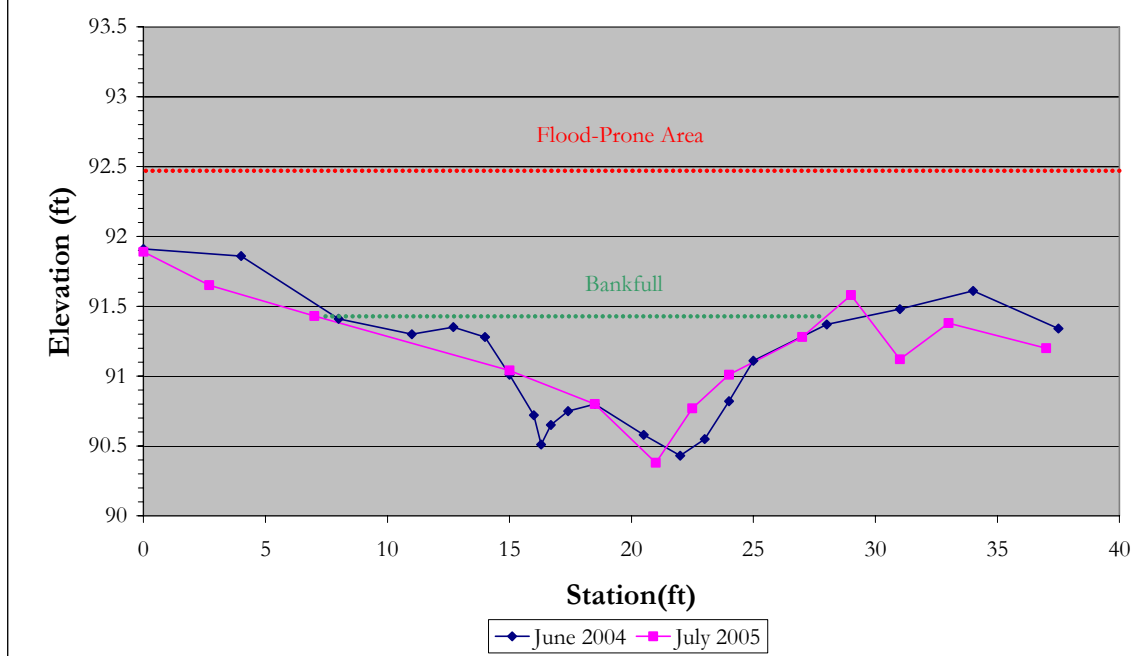
	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	7.9	7.1			
Maximum Bankfull Depth (ft)	1.1	1.2			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	0.7	0.6			
Width/Depth Ratio	>15.0	>15.0			
Entrenchment Ratio	>8.5	>8.7			
Bankfull Width (ft)	11.7	11.5			
Bank Height Ratio	1.0	1.0			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



Cross Section #1 along the North Tributary – July 2005

Cross Section #2 (North Tributary)



Cross-Section #2 Abbreviated Morphological Summary (Riffle Section)

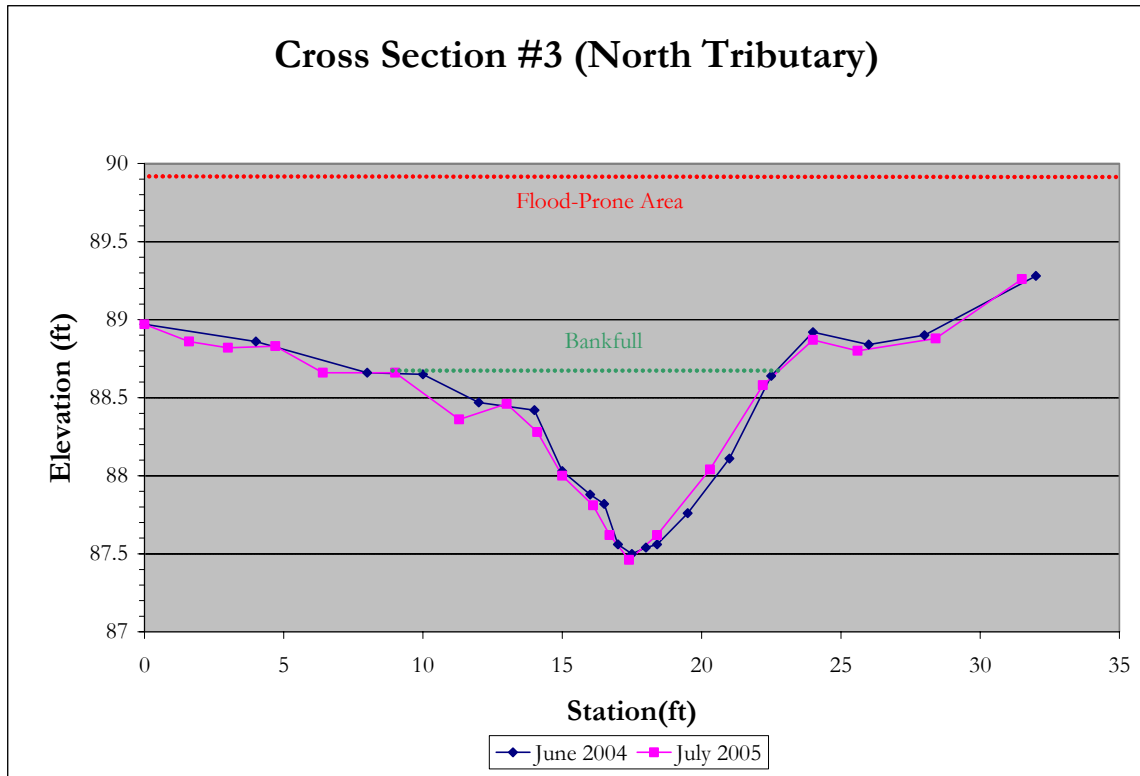
	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	7.2	7.5			
Maximum Bankfull Depth (ft)	0.9	1.0			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	0.5	0.4			
Width/Depth Ratio	>15.0	>15.0			
Entrenchment Ratio	>6.6	>5.1			
Bankfull Width (ft)	15.2	19.6			
Bank Height Ratio	1.0	1.0			

* denotes revised data due to calculation error in 2004 morphological spreadsheet

Cross Section #2 along the North Tributary – July 2005



Cross Section #3 (North Tributary)



Cross-Section #3 Abbreviated Morphological Summary (Run Section)

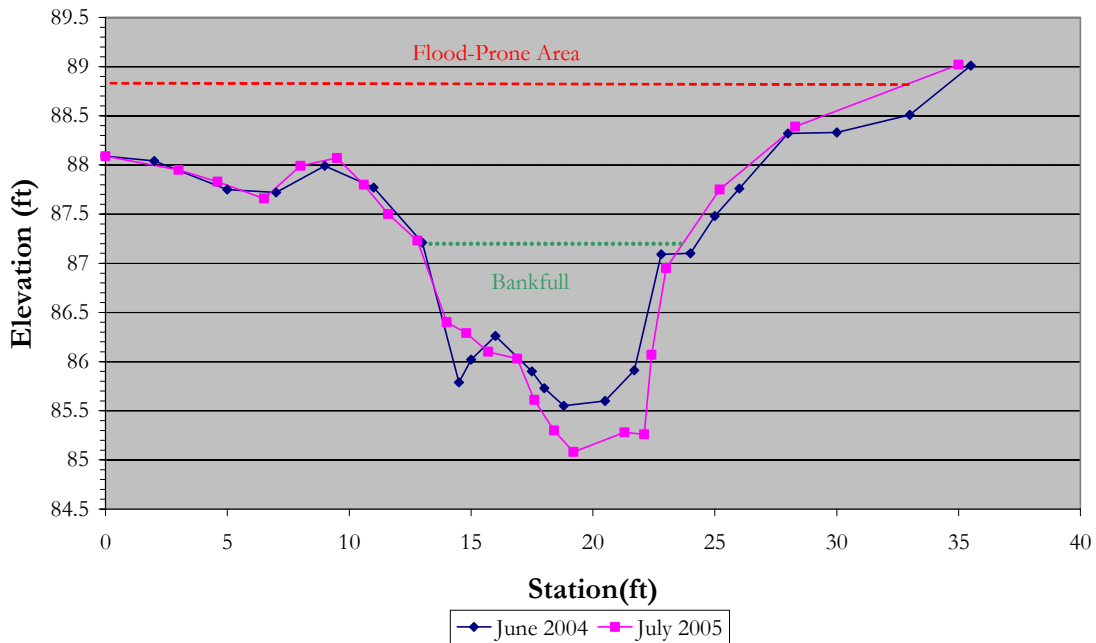
	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	6.9	7.1			
Maximum Bankfull Depth (ft)	1.2	1.2			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	0.5	0.5			
Width/Depth Ratio	>15.0	>15.0			
Entrenchment Ratio	>6.8	>7.3			
Bankfull Width (ft)	14.6	13.7			
Bank Height Ratio	1.0	1.0			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



Cross Section #3 along the North Tributary – July 2005

Cross Section #4 (North Tributary)



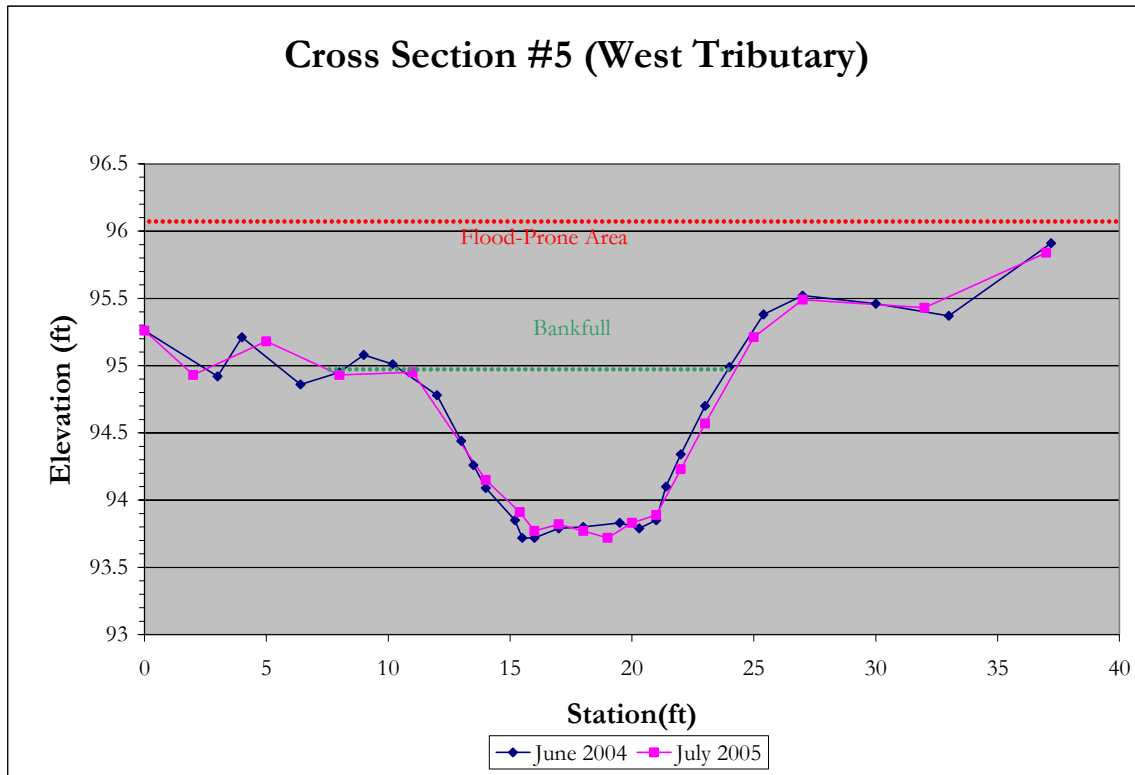
Cross-Section #4 Abbreviated Morphological Summary (Pool Section)

	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	10.2	10.1			
Maximum Bankfull Depth (ft)	1.5	1.7			
Width of Floodprone Area (ft)	>100.0	>100.0			
Mean Bankfull Depth (ft)	1.1	1.1			
Width/Depth Ratio	8.7	8.6			
Entrenchment Ratio	>10.0	>10.0			
Bankfull Width (ft)	9.6	9.5			
Bank Height Ratio	1.25	1.25			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



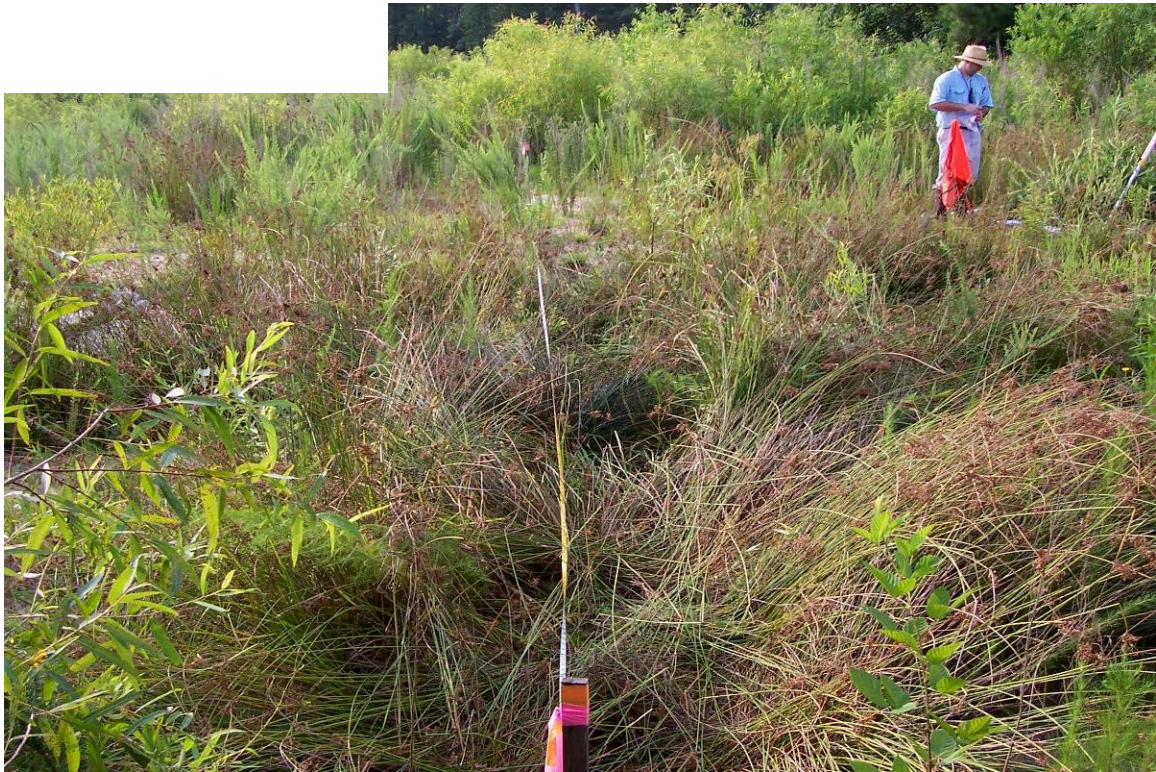
Cross Section #4 along the North Tributary – July 2005



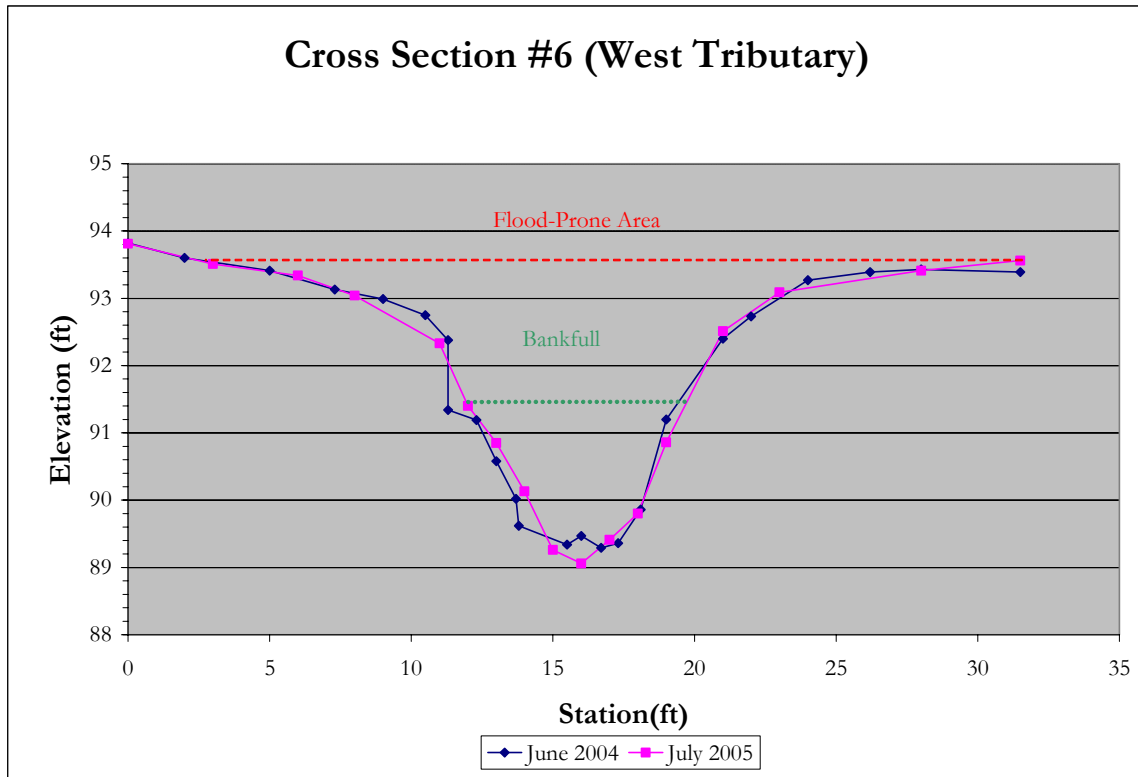
Cross-Section #5 Abbreviated Morphological Summary (Riffle Section)

	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	10.5	10.3			
Maximum Bankfull Depth (ft)	1.3	1.2			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	0.7	0.8			
Width/Depth Ratio	>15.0	>15.0			
Entrenchment Ratio	>6.7	>7.6			
Bankfull Width (ft)	14.9	13.1			
Bank Height Ratio	1.1	1.0			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



Cross Section #5 along the West Tributary – July 2005



Cross-Section #6 - Abbreviated Morphological Summary (Pool Section)

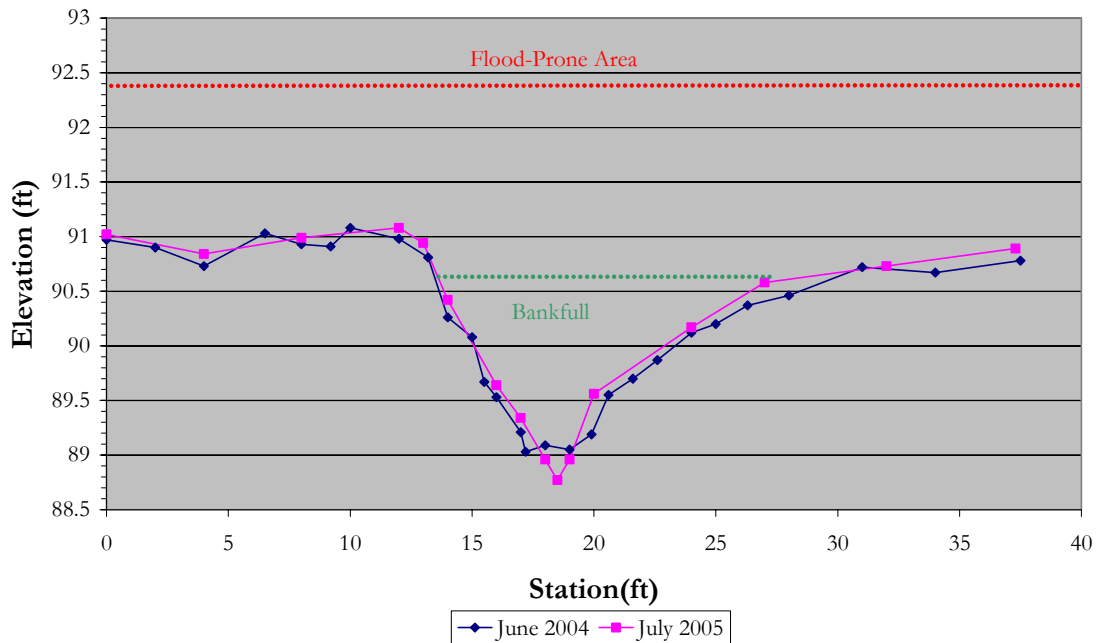
	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	10.1	10.3			
Maximum Bankfull Depth (ft)	2.1	2.3			
Width of Flood-Prone Area (ft)	22.0	35.0			
Bankfull Mean Depth (ft)	1.3	1.4			
Width/Depth Ratio	6.1	5.5			
Entrenchment Ratio	2.8	4.5			
Bankfull Width (ft)	7.9	7.7			
Bank Height Ratio	1.9	1.6			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



Cross Section #6 along the West Tributary – July 2005

Cross Section #7 (West Tributary)



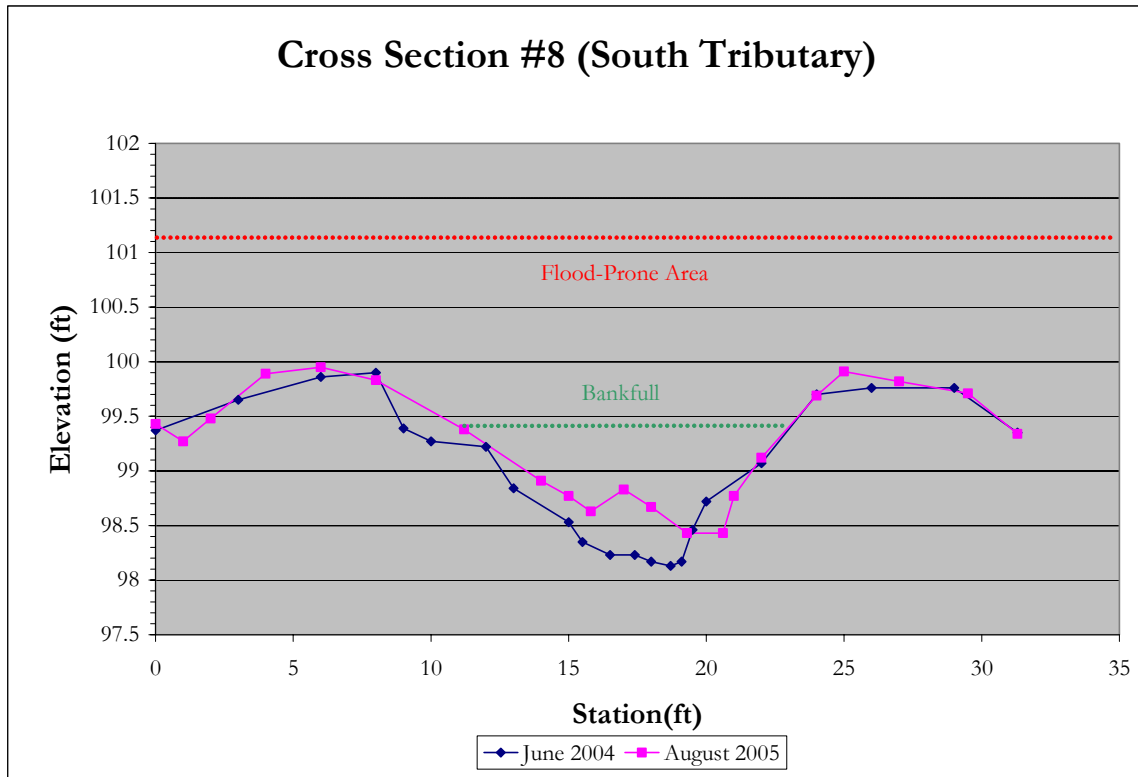
Cross-Section #7 Abbreviated Morphological Summary (Riffle Section)

	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	9.6	10.2			
Maximum Bankfull Depth (ft)	1.4	1.8			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	0.7	0.8			
Width/Depth Ratio	>15.0	>15.0			
Entrenchment Ratio	>7.0	>7.5			
Bankfull Width (ft)	14.3	13.3			
Bank Height Ratio	1.0	1.0			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



Cross Section #7 along the West Tributary – July 2005



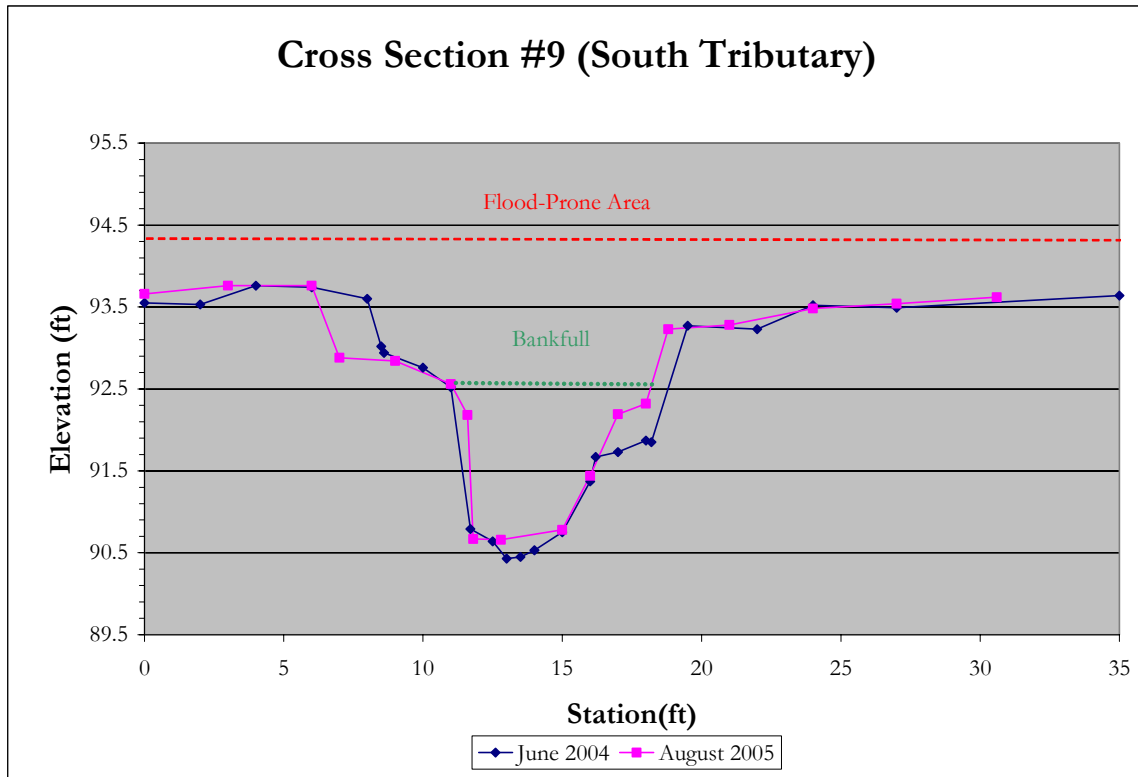
Cross-Section #8 Abbreviated Morphological Summary (Run Section)

	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	6.6	6.3			
Maximum Bankfull Depth (ft)	1.1	1.0			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	0.6	0.5			
Width/Depth Ratio	>15.0	>15.0			
Entrenchment Ratio	>9.5	>8.4			
Bankfull Width (ft)	10.5	11.9			
Bank Height Ratio	1.5	1.5			

* denotes revised data due to calculation error in 2004 morphological spreadsheet

Cross Section #8 along the South Tributary – July 2005





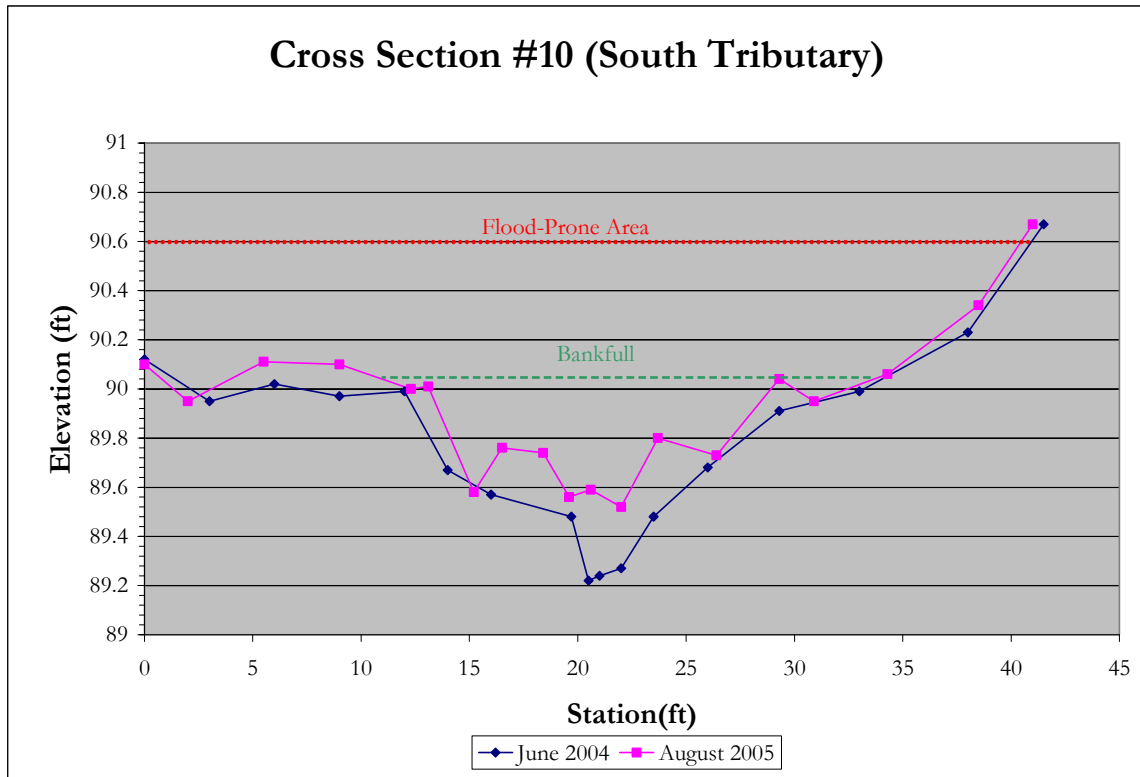
Cross-Section #9 Abbreviated Morphological Summary (Pool Section)

	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	6.8	7.1			
Maximum Bankfull Depth (ft)	1.6	1.7			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	0.9	1.1			
Width/Depth Ratio	8.0	6.0			
Entrenchment Ratio	>10.0	>10.0			
Bankfull Width (ft)	7.2	6.6			
Bank Height Ratio	1.4	1.4			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



Cross Section #9 along the South Tributary – July 2005



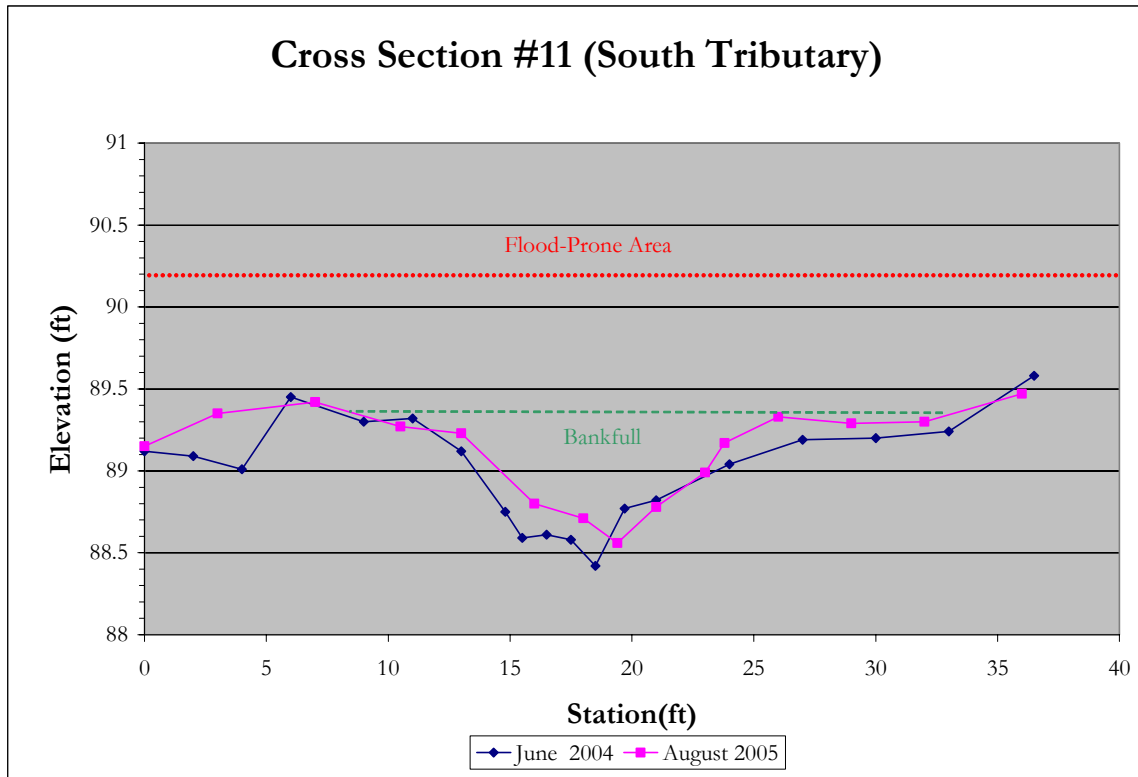
Cross-Section #10 Abbreviated Morphological Summary (Riffle Section)

	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	7.2	7.4			
Maximum Bankfull Depth (ft)	0.8	0.6			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	0.3	0.2			
Width/Depth Ratio	>15.0	>15.0			
Entrenchment Ratio	>3.6	>2.8			
Bankfull Width (ft)	27.6	35.1			
Bank Height Ratio	1.0	1.1			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



Cross Section #10 along the South Tributary – July 2005



Cross-Section #11 Abbreviated Morphological Summary (Run Section)

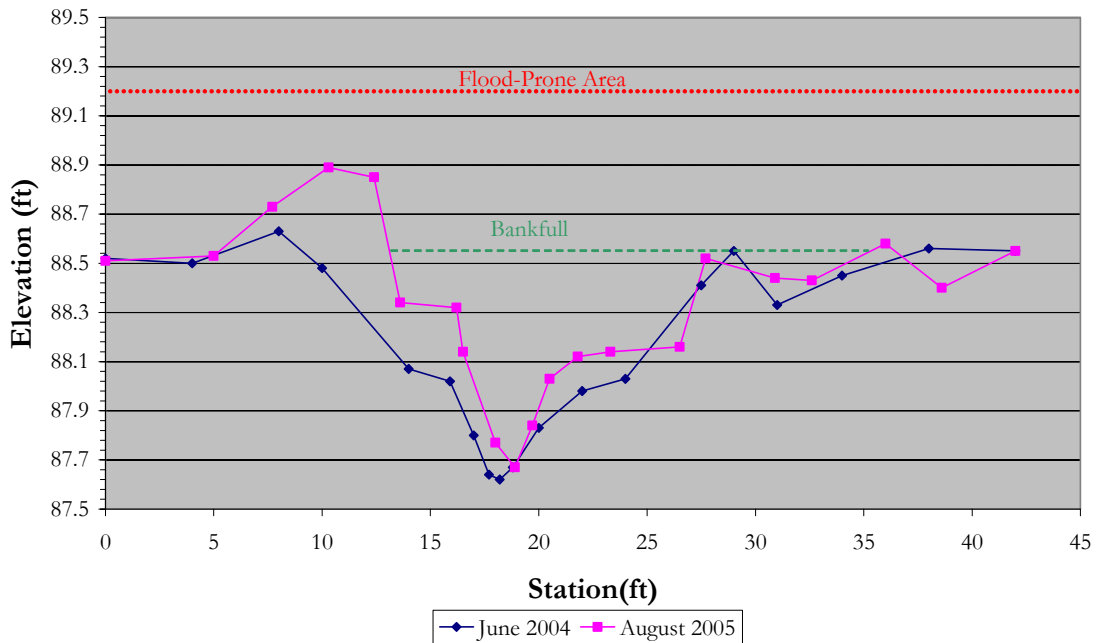
	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	5.7	6.1			
Maximum Bankfull Depth (ft)	0.8	0.8			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	0.3	0.2			
Width/Depth Ratio	>15.0	>15.0			
Entrenchment Ratio	>4.4	>3.8			
Bankfull Width (ft)	22.7	26.3			
Bank Height Ratio	1.0	1.0			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



Cross Section #11 along the South Tributary – July 2005

Cross Section #12 (Southwest Tributary)



Cross-Section #12 Abbreviated Morphological Summary (Run Section)

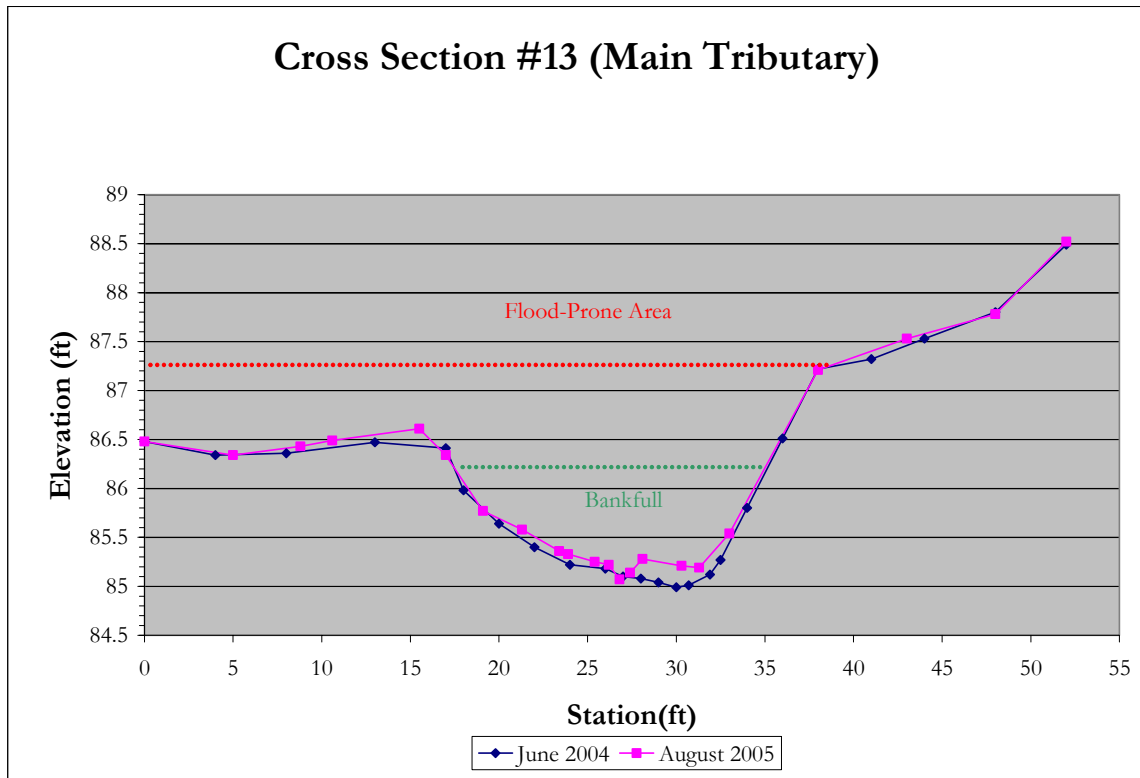
	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	7.4	6.5			
Maximum Bankfull Depth (ft)	0.8	0.9			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	0.3	0.2			
Width/Depth Ratio	>15.0	>15.0			
Entrenchment Ratio	>4.6	>3.5			
Bankfull Width (ft)	21.7	28.4			
Bank Height Ratio	1.2	1.0			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



Cross Section #12 along the Southwest Tributary – July 2005

Cross Section #13 (Main Tributary)



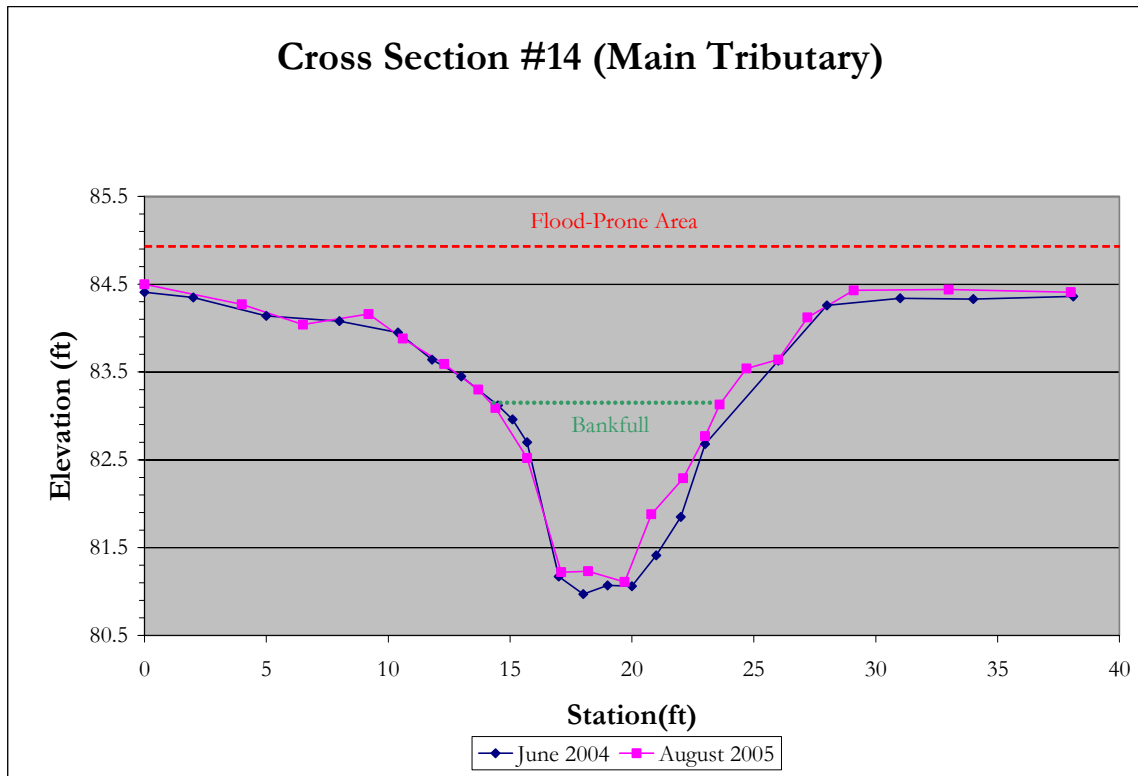
Cross-Section #13 Abbreviated Morphological Summary (Riffle Section)

	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	10.7	10.7			
Maximum Bankfull Depth (ft)	1.0	1.0			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	0.7	0.6			
Width/Depth Ratio	>15.0	>15.0			
Entrenchment Ratio	>6.1	>6.0			
Bankfull Width (ft)	16.5	16.7			
Bank Height Ratio	1.1	1.3			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



Cross Section #13 along the Main Tributary – July 2005



Cross-Section #14 Abbreviated Morphological Summary (Pool Section)

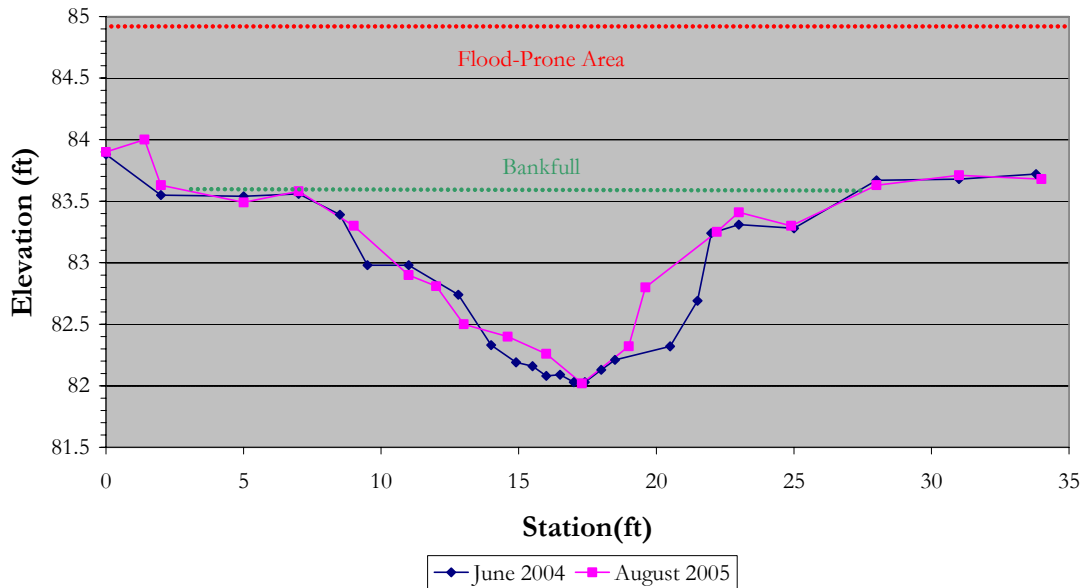
	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	11.0	10.7			
Maximum Bankfull Depth (ft)	2.0	2.0			
Width of Flood-Prone Area (ft)	>100.0	>100			
Bankfull Mean Depth (ft)	1.3	1.2			
Width/Depth Ratio	6.8	7.6			
Entrenchment Ratio	>10.0	>10.0			
Bankfull Width (ft)	8.8	9.1			
Bank Height Ratio	1.4	1.4			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



Cross Section #14 along the Main Tributary – July 2005

Cross Section #15 (Main Tributary)



Cross-Section #15 Abbreviated Morphological Summary (Run Section)

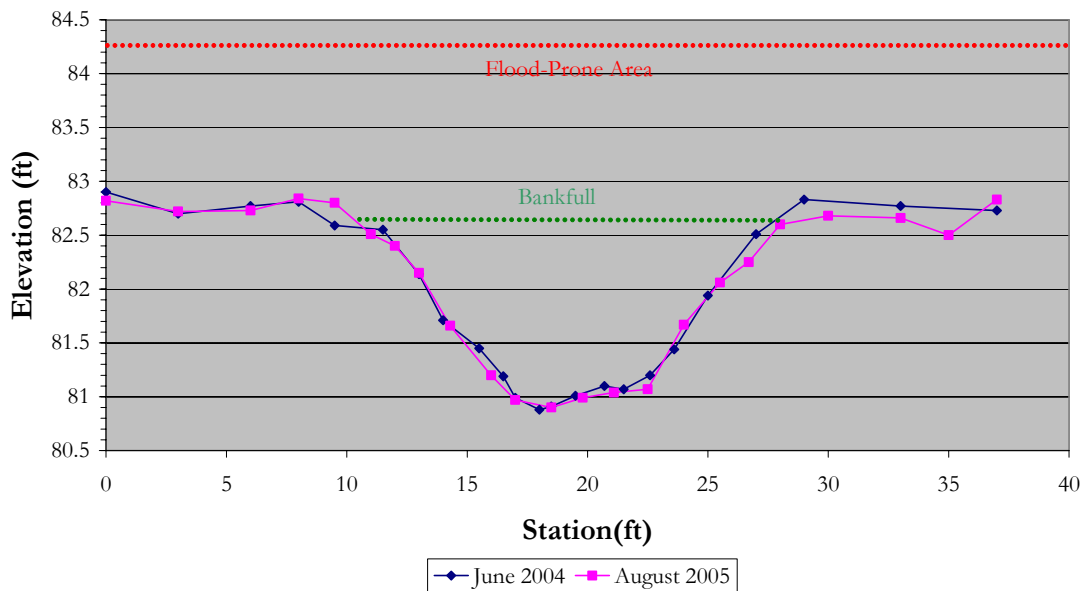
	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	10.8	10.5			
Maximum Bankfull Depth (ft)	1.3	1.4			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	0.7	0.6			
Width/Depth Ratio	>15.0	>15.0			
Entrenchment Ratio	>6.1	>5.6			
Bankfull Width (ft)	16.5	17.7			
Bank Height Ratio	1.0	1.0			

* denotes revised data due to calculation error in 2004 morphological spreadsheet



Cross Section #15 along the Main Tributary – July 2005

Cross Section #16 (Main Tributary)



Cross-Section #16 Abbreviated Morphological Summary (Run Section)

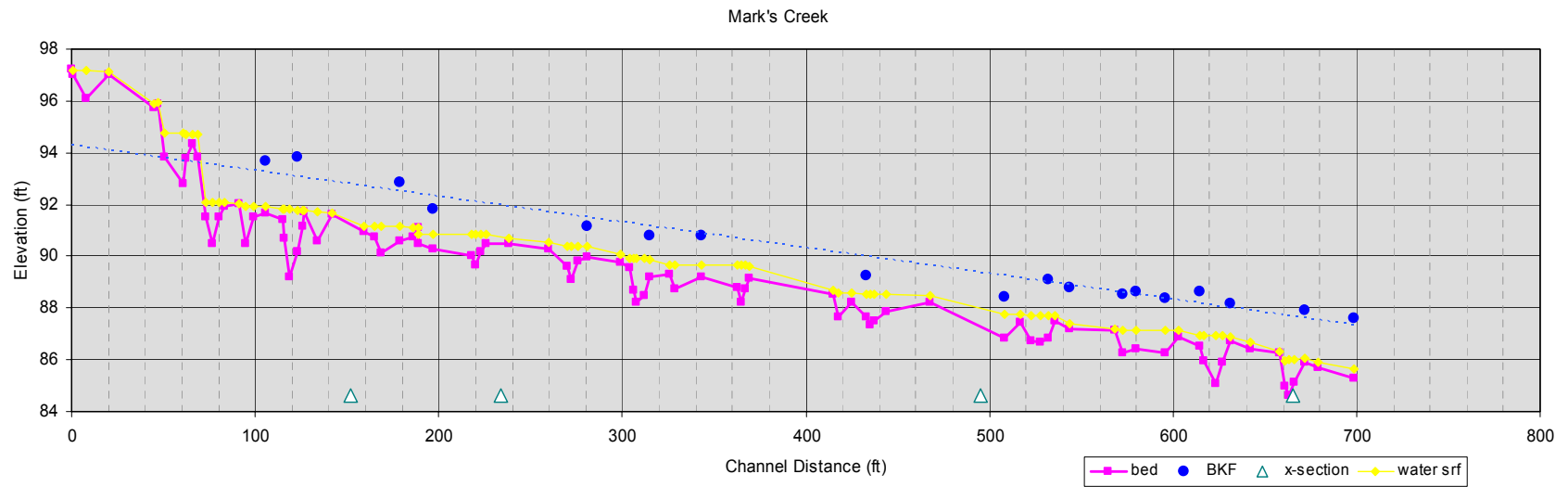
	2004*	2005	2006	2007	2008
Bankfull Cross Sectional Area (ft ²)	15.4	15.9			
Maximum Bankfull Depth (ft)	1.6	1.6			
Width of Flood-Prone Area (ft)	>100.0	>100.0			
Bankfull Mean Depth (ft)	1.0	1.0			
Width/Depth Ratio	>15.0	>15.0			
Entrenchment Ratio	>6.5	>6.0			
Bankfull Width (ft)	15.4	16.7			
Bank Height Ratio	1.1	1.1			

* denotes revised data due to calculation error in 2004 morphological spreadsheet

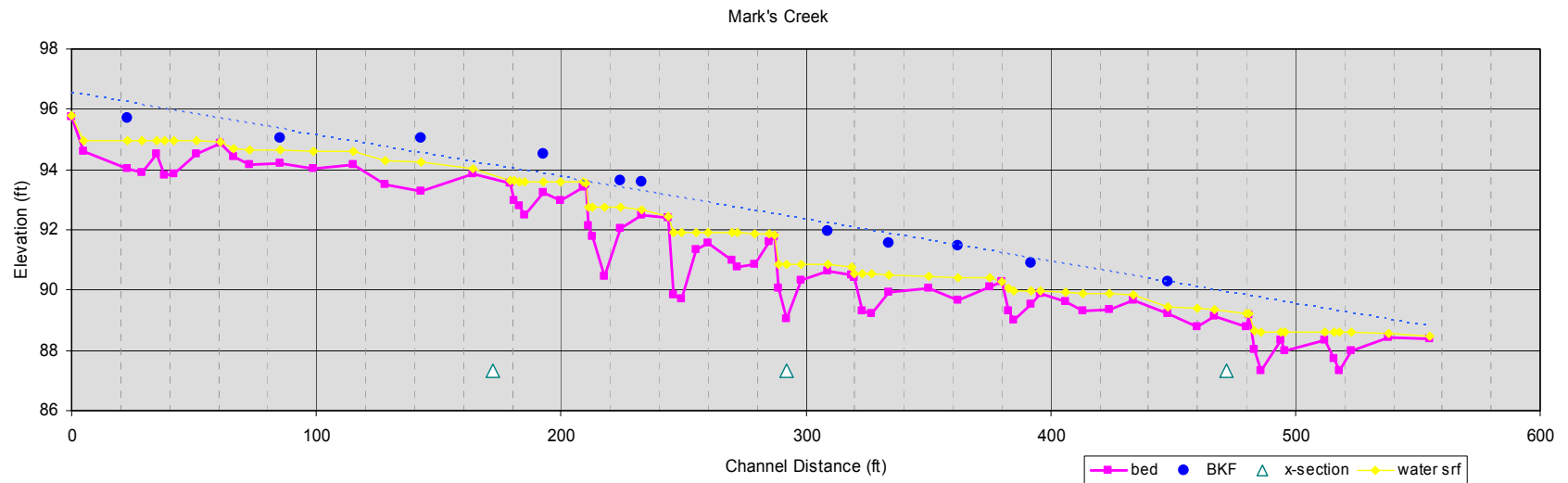


Cross Section #16 along the Main Tributary – July 2005

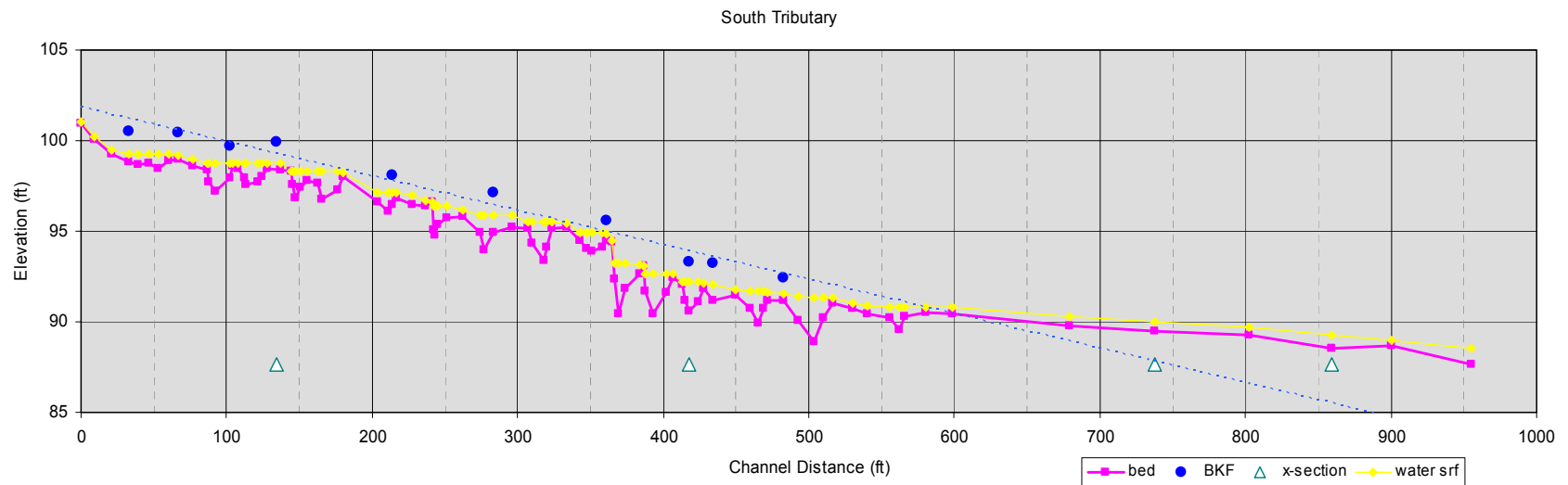
Longitudinal Profile – North Tributary 2005



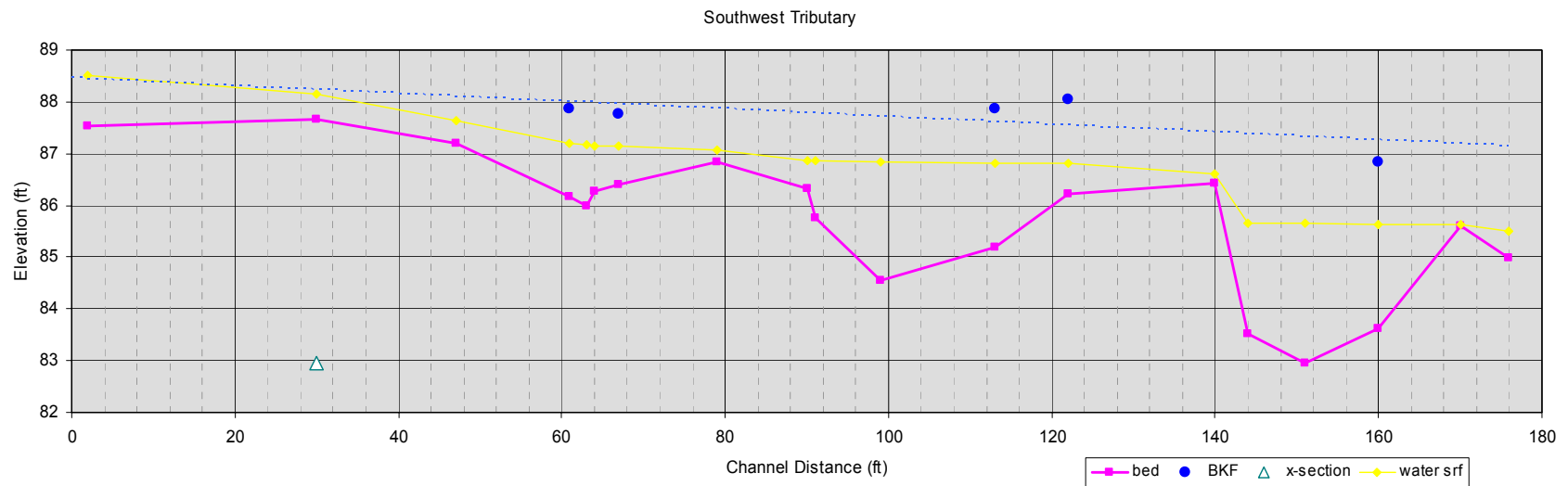
Longitudinal Profile – West Tributary - 2005



Longitudinal Profile – South Tributary 2005



Longitudinal Profile – Southwest Tributary 2005



Longitudinal Profile – Main Tributary 2005

